

Patent claims

1. A cylinder crankcase comprising at least one cylinder liner (2) which is integrally cast in the cylinder crankcase (4) and runs in the cylinder crankcase (4) from a cylinder-head side (6) to an oil-chamber side (8), the cylinder liner (2) having an inner side (10), which forms a cylinder tube (12), and an outer side (14), around which the cylinder crankcase (4) is cast, characterized in that the at least one cylinder liner (2), at least at one end (16, 18), is longer on the inner side (10) in the axial direction than on the outer side (14), and in that the transition from the inner side (10) to the outer side (14) is effected in the form of encircling, concentric steps (22).
2. The cylinder crankcase as claimed in claim 1, characterized in that the at least one end (16, 18), having steps (22), of the cylinder liner (2) is an oil-chamber-side end (16).
3. The cylinder crankcase as claimed in claim 1 or 2, characterized in that the number of steps (22) per end (16, 18) is between 2 and 6.
4. The cylinder crankcase as claimed in one of claims 1 to 3, characterized in that the steps (22) are incorporated in the cylinder liner (2) by a stepped parting tool (24).
5. The cylinder crankcase as claimed in one of claims 1 to 4, characterized in that the steps (22) are incorporated in the cylinder liner (2) by a stepped parting tool (24) during the cutting-off of the cylinder liner (2) from a tube (26).